Air Force Research Laboratory|AFRL

Science and Technology for Tomorrow's Air and Space Force

Success Story

AFRL NAMES SEVEN NEW "FELLOWS"

The AFRL Fellows program recognizes and rewards the laboratory's most outstanding in-house scientists and engineers for their accomplishments and technical excellence in support of our nation's air and space forces. Each Fellow receives a special $100,000 grant for the first two years following selection. The grant serves to assist in further self-development and additional research.

Air Force Research Laboratory
Wright-Patterson AFB OH

Accomplishment

AFRL recently selected Mr. Wayne Bonser, Information Directorate, Rome Research Site, Rome, New York; Dr. Gail Brown, Materials and Manufacturing Directorate, Wright-Patterson Air Force Base (WPAFB), Ohio; Dr. Raymond Gordnier, Air Vehicles Directorate, WPAFB, Ohio; Dr. Kirk Hackett, Directed Energy Directorate, Kirtland AFB, New Mexico; Mr. William McQuay, Information Directorate, WPAFB, Ohio; Dr. Robert Pugh, Space Vehicles Directorate, Kirtland AFB, New Mexico; and Dr. Jeffrey Zabinski, Materials and Manufacturing Directorate, WPAFB, Ohio, as AFRL Fellows.

Mr. Bonser contributed to the development, leadership, and transition of commercial and military software radio technology. Dr. Brown is a leader in cutting edge research on superlattice materials whose accomplishments have made a tremendous impact on programs for new infrared detector materials. Dr. Gordnier is an expert in multidisciplinary computational sciences whose research in unsteady aerodynamics and fluid-structure interactions are critical to the understanding of air vehicle performance and sustainment.

Dr. Hackett, a leader in the areas of high power microwaves and non-lethal weapons development, performed research crucial to the development of Active Denial Technology. Mr. McQuay has a distinguished record of contributions in modeling and simulation technologies going back to the early days of computer-based simulation of electronic phenomena through today's use of simulation to support operational decision makers. Dr. Pugh has a record of distinguished contributions in the research and development of space electronics resulting in affordable, leading-edge radiation-hardened electronics that are used in over 90% of the Department of Defense satellites. Dr. Zabinski has pioneered research discoveries that have shifted the paradigms of lubrication and coating technology at AFRL, nationally, and abroad.

Background

Military and civilian scientists and engineers, comprising about 55% of AFRL's workforce, are eligible for selection as an AFRL "Fellow." Eligible participants must be assigned to AFRL for the past 3 consecutive years and have at least 7 years of active federal service. Participants must perform the recognized work at the laboratory or one of its predecessors.

Directed Energy
Awards and Recognition

Additional information

To receive more information about this or other activities in the Air Force Research Laboratory, contact TECH CONNECT, AFRL/XPTC, (800) 203-6451 and you will be directed to the appropriate laboratory expert. (03-DE-07)